



## 2008 Tactical Wheeled Vehicles Conference (TWV)

Monterey, California

3- 5 February 2008

### Agenda

#### Monday, 4 February 2008

##### Session 1

TWV: During and Post OIF by Mr. Anthony Melita

Tactical Wheeled Vehicles Conference by GEN Benjamin S. Griffin

Briefing

Video

Army Wheeled Vehicle Fleet From the G-4 Foxhole by MG Vincent Boles

The 21st Century Army Reserve by LTG Jack Stultz

##### Session 2

The Army –Transforming while at War by LTG Stephen Speakes

Depot Panel

Part I

Part II

by Ms. Janet Bean, Col. Douglas Evans, Col. Scott Kidd, and Dr. John R. Gray

Mitigating Future Uncertainties by Leveraging Strategic Partnerships by Col. Scott Dalke

Marine Corps Ground Combat Tactical Vehicle Strategy by Brigadier General Larry Nicholson

PEO Land Systems Marine Corps by Col. Bill Taylor

Joint Program Office Mine Resistant Ambush Protected Vehicles by Mr. Paul Mann

#### Tuesday, 5 February 2008

##### Session 3

Meeting the Challenges of Today and Tomorrow by BG James Chambers, BG John R. Bartley, and Col. John "Steve" Myers

Briefing

Video

The Army Truck Team

PM Heavy Tactical Vehicles by LTC Allen Johnson

PM Light Tactical Vehicles by LTC Sam Homsy

“Thanks You for Making Such a Great Workhorse” M1078A1 LMTV by LTC Alfred Grein

## CONFERENCE PROGRAM

### HIGHLIGHTS:

MEET AND HEAR FROM KEY DoD,  
ARMY & MARINE CORPS LEADERS.

- **KEYNOTE ADDRESS:**  
MR. ANTHONY MELITA,  
OFFICE OF THE UNDER SECRETARY OF DEFENSE FOR ACQUISITION, TECHNOLOGY AND LOGISTICS (OUSD(AT&L)) / A&T/PSA/LW&M
- **UNITED STATES ARMY MATERIEL COMMAND (AMC):**  
GEN BENJAMIN S. GRIFFIN, USA  
COMMANDING GENERAL ARMY MATERIEL COMMAND
- BG Michael M. BROGAN,  
USMC  
COMMANDER  
MARCORSYSCOM
- PLUS A PRESENTATION AND OVERVIEW OF THE MRAP PROGRAM BY THE JOINT PROGRAM MANAGER

THIS YEAR'S CONFERENCE WILL HIGHLIGHT THE ACTIONS TO IMPLEMENT THE ARMY'S RECENTLY ANNOUNCED TACTICAL WHEELED VEHICLES TRANSFORMATION STRATEGY.

# 2008 TACTICAL WHEELED VEHICLES CONFERENCE



NDIA  
2008 Tactical Wheeled Vehicles Conference (TWV)  
Event #8530  
February 3 - 5, 2008

The Portola Plaza Hotel at Monterey Bay  
& Monterey Conference Center  
Monterey, California

Welcome to the 2008 Tactical Wheeled Vehicles Conference.

Objective:

This annual seminar historically has brought the military service, industry, prime contractors, subcontractors and their suppliers together to discuss present and future wheeled vehicle requirements for all services. It has afforded an atmosphere for open discussions between the customers and the suppliers based on the needs of the military users. This is the only conference held specifically for the military's Tactical Wheeled Vehicle community.

The information presented is valuable to program managers, engineers, planners and marketers. In addition, open discussions will be invaluable to DoD planners and program managers. This year's theme is: "TWV: DURING AND POST-OIF."

## CONFERENCE DESCRIPTION

**This year's Tactical Wheeled Vehicle (TWV) Conference will highlight the actions being taken to implement the Army's recently announced new TWV Transformation Strategy. The strategy was developed and resourced by an Army TWV Board of Directors made up of key Army leaders and decision makers in the Pentagon, the PEO CS/CSS and the Chief of Transportation. The intent of this strategy is to ensure the Army and the other services will have a balanced and viable TWV fleet through FY '18 and beyond. This Conference will address the procurement of new vehicles while conducting the cyclic refurbishment of existing vehicles. Other topics will include the status of the ongoing ACTD's intended to modernize the current fleet, and how the Army intends to provide for the spiral insertion of new technologies to support these efforts.**

**This is the only annual conference held that is specific to the military's Tactical Wheeled Vehicle community. It has historically brought Department of Defense representatives, prime contractors, subcontractors, and their suppliers together to discuss present and future wheeled vehicle requirements for all services. It has afforded an atmosphere for open discussions between the customers and the suppliers based on the needs of the military users. The information presented is valuable to program managers, engineers, planners and marketers. In addition, open discussions will be invaluable to DoD planners and program managers.**

The agenda speakers, schedule and room assignments contained herein are subject to change.

There are no exhibits or displays at this conference --  
it is a conference only.

# TACTICAL WHEELED VEHICLES DIVISION:

## Mission/Objective/Purpose

### Division Objectives

The primary objective of the Tactical Wheeled Vehicle Division of NDIA is to enhance the security of the United States by promoting communications and interaction between defense industry, government and military in the area of automotive activities.

The specific charter of the Tactical Wheeled Vehicle Division is to conduct conferences in technology areas directly related to automotive research, design, development, test and production. Such conferences are intended to present advanced technology and provide for an exchange of information and an interchange of views between defense industry, government and military representatives. The effective cooperation between these three groups is vital to our defense effort in the tactical wheeled vehicle area. Each group brings unique inputs to such conferences. No one group can function at maximum effectiveness without the other two.

### Specific Objectives:

- ▶ To serve as an effective communications vehicle for the exchange of views and information between government and industry on matters of common concern.
- ▶ To foster mutual understanding and effective working relationships between government and industry in order to achieve a sound body of government policy and procedures which will serve both the security objectives of the United States as well as the commercial interests of its industry.
- ▶ To provide government with industry advice on government policies, practices and procedures and industry's needs and problems within the Division's purview.

### Mission Responsibility:

To promote national exchanges between the Defense Department, government agencies and industry, of information relating to the design, development, acquisition and support of vehicles and vehicle systems employed in land and amphibious military operations.

### *2008 Tactical Wheeled Vehicles Conference Committee:*

#### *Conference Chair:*

Mr. Gary Tull,  
Vice President, Government Operations,  
AM General Corporation,  
and Chairman, Tactical Wheeled Vehicle Division, NDIA

#### *Session II Chairman:*

Mr. Jack Reidy,  
President & CEO,  
Defense Products Marketing, Inc.

#### *Session I Chairman:*

Mr. Bruce Harrison,  
Vice President, Product Support, BAE Systems,  
and Vice Chairman, Tactical Wheeled Vehicle Division, NDIA

#### *Session III Chairman:*

Mr. Tom Bagwell (SES),  
Deputy Program Executive Officer, Combat Support &  
Combat Service Support (DPEO CS&CSS), U.S. Army

# SUNDAY, FEBRUARY 3, 2008

7:30 A.M. - 1:00 P.M.

9TH ANNUAL NDIA TWV GOLF SCRAMBLE  
CHECK-IN & CONTINENTAL BREAKFAST  
BAYONET GOLF COURSE, SEASIDE, CALIFORNIA  
GOLF CHAIR: CHUCK PRIKOPA

8:30 A.M.

SHOTGUN START

2:00 P.M. - 7:00 P.M.

REGISTRATION CHECK-IN  
THE DEANZA BALLROOM FOYER  
THE PORTOLA PLAZA HOTEL AT MONTEREY BAY

2:30 P.M. - 7:00 P.M.

WELCOME RECEPTION AND SUPER BOWL PARTY  
(FINAL WHISTLE)



ANNUAL SUPER BOWL PARTY  
SUPER BOWL XLII  
SUNDAY FEB. 3, 2008



SUPER BOWL XLII - UNIVERSITY OF PHOENIX STADIUM

SUNDAY FEB. 3, 2008

GLendale Stadium, AZ

2:30 P.M. - 6:30 P.M. (FINAL WHISTLE)\*

THE DE ANZA BALLROOM

THE PORTOLA PLAZA HOTEL MONTEREY

KICKOFF TIME 3:18 P.M. (PST) / (6:18 P.M. EST)

A SPOUSE AND/OR GUEST OF A REGISTERED ATTENDEE, MAY ATTEND THE SUPER BOWL PARTY AT AN ADDITIONAL COST OF \$90.00.

DUE TO FIRE CODE REGULATIONS, SPACE IS LIMITED. BASED ON THE OVERWHELMING RESPONSE AND ATTENDANCE IN PREVIOUS YEARS, THERE IS A STRONG POSSIBILITY THAT LATE ON-SITE SPOUSE/GUEST REGISTRATIONS WILL NOT BE ACCEPTED.

THE "SPOUSE/GUEST TICKET" FEE(S) DO NOT INCLUDE ATTENDANCE AT ANY OF THE OTHER CONFERENCE FOOD FUNCTIONS: CONTINENTAL BREAKFASTS, COFFEE BREAKS, AND/OR LUNCH, OR CONFERENCE ATTENDANCE.

# MONDAY, FEBRUARY 4, 2008

7:00 A.M. - 8:00 A.M.

CONTINENTAL BREAKFAST  
SERRA BALLROOM  
THE MONTEREY CONFERENCE CENTER

7:00 A.M. - 5:00 P.M.

REGISTRATION CHECK-IN CONTINUES  
SERRA BALLROOM  
THE MONTEREY CONFERENCE CENTER

8:00 A.M. - 8:10 A.M.

CONFERENCE OVERVIEW & WELCOME  
SERRA BALLROOM  
THE MONTEREY CONFERENCE CENTER

MR. GARY TULL  
VICE PRESIDENT, GOVERNMENT OPERATIONS,  
AM GENERAL CORPORATION AND  
CHAIRMAN, TACTICAL WHEELED VEHICLE DIVISION,  
NDIA

8:10 A.M. - 8:15 A.M.

NDIA WELCOME  
SERRA BALLROOM  
THE MONTEREY CONFERENCE CENTER

LIEUTENANT GENERAL LAWRENCE P. FARRELL, USAF (RET.)  
PRESIDENT & CEO  
NDIA

8:15 A.M. - 8:45 A.M.

KEYNOTE ADDRESS  
MR. ANTHONY MELITA  
OFFICE OF THE UNDER SECRETARY OF DEFENSE FOR  
ACQUISITION, TECHNOLOGY AND LOGISTICS  
(OUSD(AT&L)/A&T/PSA/LW&M)

# MONDAY, FEBRUARY 4, 2008 (*CONTINUED*)

## SESSION I:

CHAIRMAN: MR. BRUCE HARRISON, VICE PRESIDENT, PRODUCT SUPPORT,  
BAE SYSTEMS AND  
VICE CHAIRMAN, TACTICAL WHEELED VEHICLE DIVISION, NDIA  
*SERRA BALLROOM*  
*THE MONTEREY CONFERENCE CENTER*

8:45 A.M. - 9:15 A.M. UNITED STATES ARMY MATERIEL COMMAND (AMC)  
GENERAL BENJAMIN S. GRIFFIN, USA  
COMMANDING GENERAL, ARMY MATERIEL COMMAND

9:15 A.M. - 9:45 A.M. OFFICE OF THE DEPUTY CHIEF OF STAFF, ARMY G-4  
MAJOR GENERAL VINCENT BOLES, USA  
ASSISTANT DEPUTY CHIEF OF STAFF, G4 (OPERATIONS)  
HEADQUARTERS, U.S. ARMY

9:45 A.M. - 10:15 A.M. U.S. ARMY RESERVE  
LIEUTENANT GENERAL JACK C. STULTZ, USA  
CHIEF, ARMY RESERVE/  
COMMANDING OFFICER,  
UNITED STATES ARMY RESERVE COMMAND

10:15 A.M. - 11:00 A.M. COFFEE BREAK  
*SERRA BALLROOM FOYER*

SESSION II  
CHAIRMAN: MR. JACK REIDY,  
PRESIDENT & CEO, DEFENSE PRODUCTS MARKETING, INC.  
*SERRA BALLROOM*  
*THE MONTEREY CONFERENCE CENTER*

11:00 A.M. - 11:45 A.M. OFFICE OF THE DEPUTY CHIEF OF STAFF, G-8,  
HEADQUARTERS, DEPARTMENT OF THE ARMY  
LIEUTENANT GENERAL STEPHEN M. SPEAKES, USA  
DEPUTY CHIEF OF STAFF, G-8

11:45 A.M. - 12:45 P.M. LUNCH  
*THE DEANZA BALLROOM I & II*  
*THE PORTOLA PLAZA HOTEL AT MONTEREY BAY*

# MONDAY, FEBRUARY 4, 2008 (*CONTINUED*)

## SESSION II (CONTINUED)

CHAIRMAN: MR. JACK REIDY

12:45 P.M. - 2:00 P.M.

### DEPOT PANEL

PANEL CHAIR: MAJOR GENERAL WILLIAM M. LENEARS, USA  
COMMANDING GENERAL,  
U.S. ARMY TACOM LIFE CYCLE MANAGEMENT COMMAND

#### PANEL MEMBERS:

- Ms. JANET BEAN,  
EXECUTIVE DIRECTOR, INTEGRATED LOGISTICS SUPPORT CENTER  
(ILSC), U.S. ARMY TACOM LIFE CYCLE MANAGEMENT COMMAND
- COL DOUGLAS EVANS, USA  
COMMANDER, RED RIVER ARMY DEPOT (RRAD), U.S. ARMY TA-  
COM LIFE CYCLE MANAGEMENT COMMAND
- COL SCOTT KIDD, USA  
PROJECT MANAGER, TACTICAL VEHICLES, PROGRAM EXECUTIVE  
OFFICE, COMBAT SUPPORT & COMBAT SERVICE SUPPORT (PEO  
CS&CSS)
- DR. JOHN R. GRAY  
DEPUTY TO THE COMMANDER, LETTERKENNY ARMY DEPOT (LEAD),  
U.S. ARMY AMCOM LIFE CYCLE MANAGEMENT COMMAND

2:00 P.M. – 2:30 P.M.

USMC MAINTENANCE CENTER BARSTOW  
COL SCOTT DALKE, USMC  
COMMANDER

2:30 P.M. – 3:00 P.M.

COFFEE BREAK  
SERRA BALLROOM FOYER

3:00 P.M. – 3:30 P.M.

USMC/MCCDC  
BRIGADIER GENERAL LARRY NICHOLSON, USMC  
DEPUTY COMMANDING GENERAL,  
MARINE CORPS COMBAT DEVELOPMENT COMMAND

3:30 P.M. – 4:00 P.M.

USMC/MARCORSYSCOM  
BRIGADIER GENERAL MICHAEL M. BROGAN, USMC  
COMMANDER, MARCORSYSCOM

4:00 P.M. – 4:30 P.M.

USMC PEO  
COL BILL TAYLOR, USMC  
PROGRAM EXECUTIVE OFFICER, LAND SYSTEMS

# MONDAY, FEBRUARY 4, 2008 (*CONTINUED*)

## SESSION II (CONTINUED) CHAIRMAN: MR. JACK REIDY

4:30 P.M. – 5:15 P.M.

### JOINT MRAP PRESENTATION

- MR. PAUL MANN, USMC  
JOINT MRAP PROGRAM MANAGER
- COL KEVIN PETERSON, USA  
DEPUTY JOINT MRAP PROGRAM MANAGER

5:15 P.M. - 6:30 P.M.

### ANNUAL CONFERENCE RECEPTION THE DEANZA BALLROOM I AND II THE PORTOLA PLAZA HOTEL AT MONTEREY BAY

EVENING ON OWN - ENJOY MONTEREY!

## SPOUSE/GUEST ACTIVITIES

ANNUAL CONFERENCE RECEPTION, MONDAY, FEBRUARY 4

A SPOUSE AND/OR GUEST OF A REGISTERED ATTENDEE, MAY ATTEND THE ANNUAL CONFERENCE RECEPTION.

5:15 P.M. - 6:30 P.M.  
(ADDITIONAL COST OF \$45.00)



A SPOUSE AND/OR GUEST OF A REGISTERED ATTENDEE MAY ATTEND THE ANNUAL CONFERENCE RECEPTION AT AN ADDITIONAL COST OF \$45.00.

THE "SPOUSE/GUEST TICKET" FEE(S) DO NOT INCLUDE ATTENDANCE AT ANY OF THE OTHER CONFERENCE FOOD FUNCTIONS: CONTINENTAL BREAKFASTS, COFFEE BREAKS, AND/OR LUNCH, OR CONFERENCE ATTENDANCE.

# TUESDAY, FEBRUARY 5, 2008

7:00 A.M. - 8:30 A.M.

CONTINENTAL BREAKFAST  
SERRA BALLROOM FOYER  
THE MONTEREY CONFERENCE CENTER

7:00 A.M. - 12:00 NOON

REGISTRATION CHECK-IN CONTINUES  
SERRA BALLROOM FOYER  
THE MONTEREY CONFERENCE CENTER

## SESSION III

CHAIRMAN: MR. TOM BAGWELL (SES),  
DEPUTY PROGRAM EXECUTIVE OFFICER  
COMBAT SUPPORT & COMBAT SERVICE SUPPORT (DPEO CS&CSS),  
U.S. ARMY  
SERRA BALLROOM  
THE MONTEREY CONFERENCE CENTER

8:30 A.M. - 9:10 A.M.

MEETING THE CHALLENGES OF TODAY AND TOMORROW  
• BRIGADIER GENERAL(P) JAMES CHAMBERS, USA  
COMMANDING GENERAL/COMMANDANT  
U.S. ARMY TRANSPORTATION CENTER AND SCHOOL  
• BRIGADIER GENERAL JOHN R. BARTLEY, USA  
PROGRAM EXECUTIVE OFFICER FOR COMBAT SUPPORT &  
COMBAT SERVICES SUPPORT (PEO CS&CSS)

9:10 A.M. - 10:00 A.M.

OVERVIEW – PM TV & JCSS

(9:10 - 9:30)

COL SCOTT KIDD, USA  
PROJECT MANAGER FOR TACTICAL VEHICLES

(9:30 - 10:00)

COL JOHN "STEVE" MYERS, USA  
PROJECT MANAGER FOR JOINT COMBAT SUPPORT SYSTEMS  
LtCOL RUBEN GARZA, USMC  
PRODUCT MANAGER (USMC)  
JOINT LIGHT TACTICAL VEHICLES

# TUESDAY, FEBRUARY 5, 2008 (CONTINUED)

10:00 A.M. – 10:15 A.M.

MR. GARY TULL

CONFERENCE CLOSE-OUT

10:15 A.M. – 10:45 A.M.

COFFEE BREAK

SERRA BALLROOM FOYER

(SERRA BALLROOM WILL BE RECONFIGURED INTO TWO ROOMS)

10:45 A.M. – 12:25 P.M.

PM BREAKOUT SESSIONS

- WILL FOLLOW ON FROM OVERVIEW -

PM TV PRESENTATIONS

ATTENDEES CAN REMAIN IN SAME BALLROOM AS BRIEFERS WILL ROTATE

	GROUP 1 – SERRA (A)	GROUP 2 – SERRA (B)	GROUP 3 – STEINBECK BALLROOM
10:45 – 11:15	LTV LTC SAM HOMSY, USA PRODUCT MANAGER, LIGHT TACTICAL VEHICLES, PM LTV	MTV MR. JIM SATCHFIELD, DEPUTY PRODUCT MANAGER, MEDIUM TACTICAL VEHICLES, PM MTV	HTV LTC LEWIS JOHNSON, USA PRODUCT MANAGER, HEAVY TACTICAL VEHICLES PM HTV
SPEAKER ROOM TRANSITION BREAK			
11:20 – 11:50	MTV MR. JIM SATCHFIELD, DEPUTY PRODUCT MANAGER, MEDIUM TACTICAL VEHICLES, PM MTV	HTV LTC LEWIS JOHNSON, USA PRODUCT MANAGER, HEAVY TACTICAL VEHICLES PM HTV	HTV LTC SAM HOMSY, USA PRODUCT MANAGER, LIGHT TACTICAL VEHICLES, PM LTV
SPEAKER ROOM TRANSITION BREAK			
11:50 – 11:55			
11:55 – 12:25	HTV LTC LEWIS JOHNSON, USA PRODUCT MANAGER, HEAVY TACTICAL VEHICLES PM HTV	MTV LTC SAM HOMSY, USA PRODUCT MANAGER, LIGHT TACTICAL VEHICLES, PM LTV	MTV MR. JIM SATCHFIELD, DEPUTY PRODUCT MANAGER, MEDIUM TACTICAL VEHICLES, PM MTV

– ADJOURN UNTIL FEBRUARY 2, 2009 –

*The National Defense Industrial Association  
wishes to acknowledge the following  
Super Bowl Party Sponsors:*

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**AM General**

**Arvin Meritor, Inc.**

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**Detroit Diesel Corporation**

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**Freightliner LLC**

**Lockheed Martin JLTV Team**

**Mack Trucks**

**Nevada Automotive Test Center  
(Hodges Transportation, Inc.)**

**Oshkosh Truck Corporation**

***Thank-you for your generous support!***



*The National Defense Industrial Association  
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**General Kinetics Engineering Corporation**

**International Truck & Engine Corporation**

**Lockheed Martin**

**Lord Corporation**

**Mack Trucks, Inc./Volvo**

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**Productive Resources**

**SCS/Frigette**

**Telephonics Corporation**

**VT Miltope**

**Whitney, Bradley & Brown, Inc.  
(Hampton, Virginia Office)**

***Thank-you for your generous support!***

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*The Tactical Wheeled Vehicles Division  
of NDIA thanks you for attending &  
we look forward to seeing you again next year.*

*The National Defense Industrial Association  
(NDIA)*

*thanks you for your participation in this  
year's conference, and wishes you a safe trip  
home.*

# Tactical Wheeled Vehicle Conference

*Supporting the Warfighter*

04 February 2008

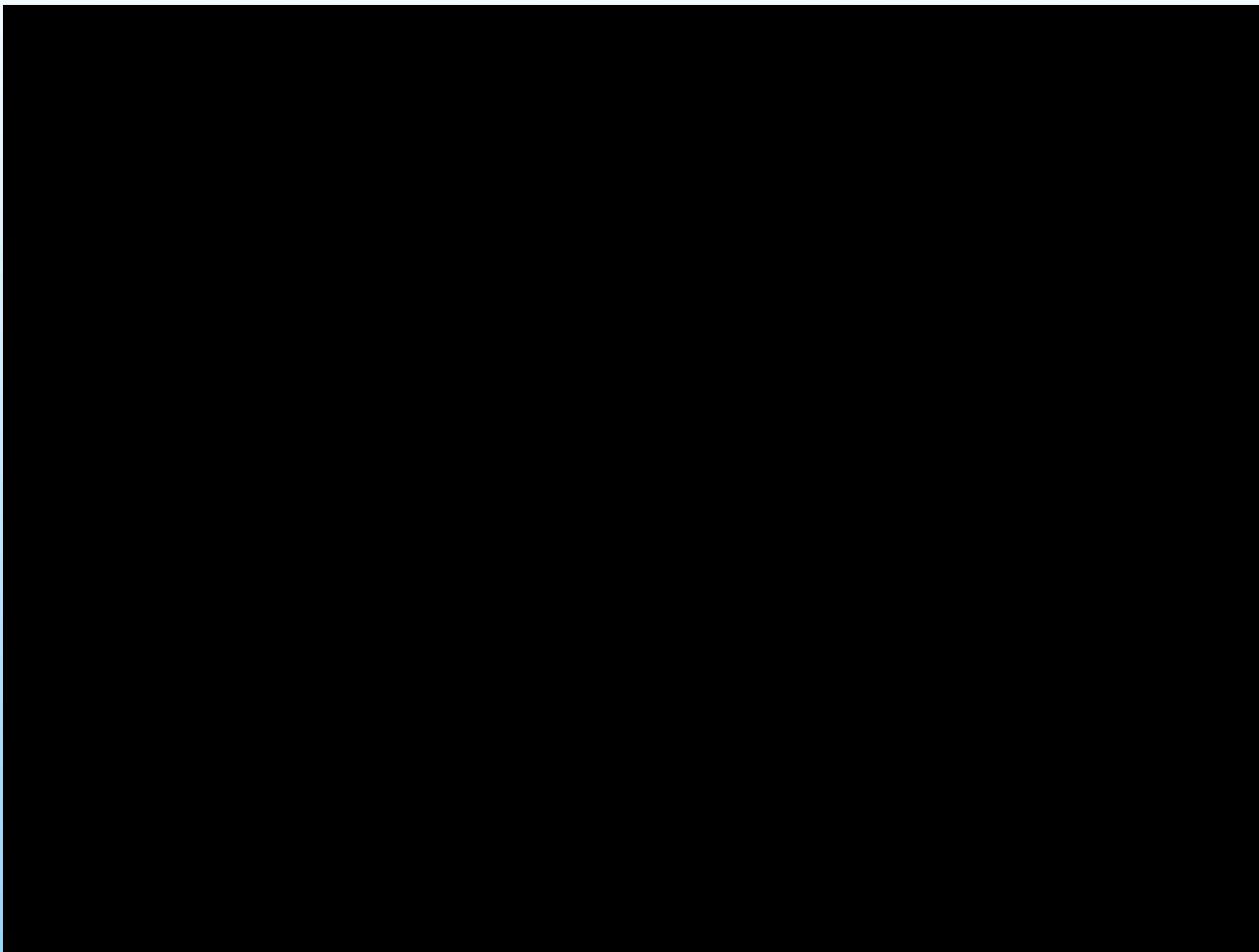
GEN Benjamin S. Griffin



*"Need to be faster, more agile, less bureaucratic... Need to fight this every day"*



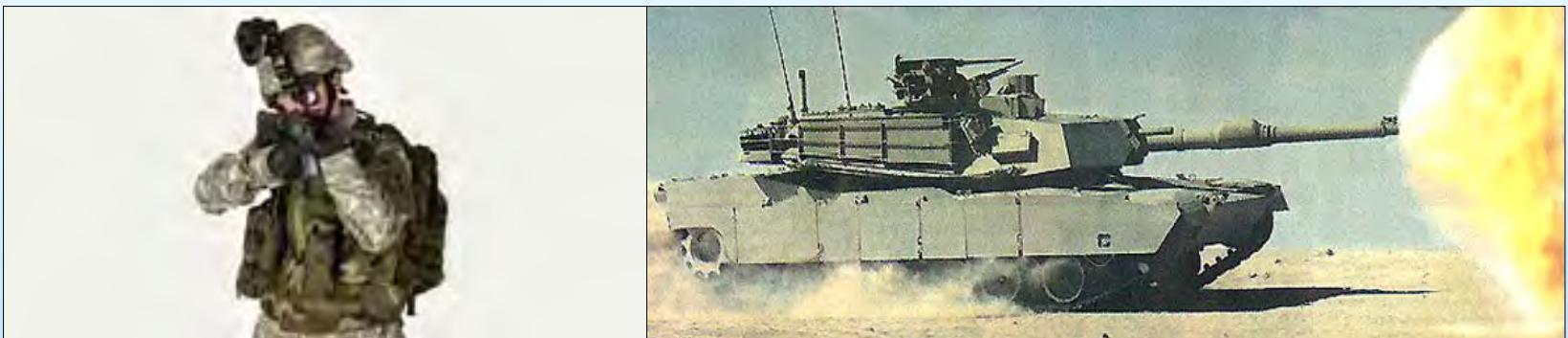
# AMC Strong Video





# Mission

Provide superior technology, acquisition support and logistics to ensure dominant land force capability for Soldiers, the United States and our Allies.



*“If a Soldier shoots it, drives it, flies it, wears it, or eats it,  
Army Materiel Command provides it.”*



“Need to be faster, more agile, less bureaucratic... Need to fight this every day”

**Tank-automotive & Armaments Command  
LCMC**

MG Mike Lenaers	Mr. Jack Dugan
	
<b>Civilian 13,089   Military 94</b>	

**Joint Munitions & Lethality LCMC**

BG William Phillips	BG James Rogers
	
<b>Civilian 5,351   Military 17</b>	

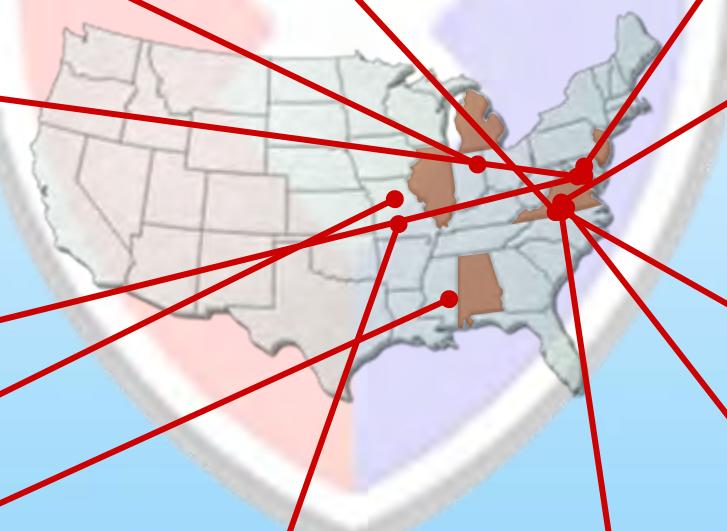
**Joint Munitions Command**

BG James Rogers	Mr. Jyuji Hewitt
	
<b>Civilian 560   Military 49</b>	

# AMC Commanders and Deputies

**Army Materiel Command**

LTG William E. Mortensen	Ms. Kathryn A. Condon	CSM Jeffery J. Mellinger
		
<b>Civilian 1,168   Military 84</b>		



**Army Sustainment Command**

MG Robert Radin	Mr. Scott Welker
	
<b>Civilian 1,183   Military 696</b>	

**Aviation and Missile LCMC**

MG James Myles	Mr. Ronald Chronister
	
<b>Civilian 8,623   Military 107</b>	

**Military Surface Deployment & Distribution Command**

MG Kathleen Gainey	Ms. Patricia Young
	
<b>Civilian 1,726   Military 169</b>	

**Chemical Materials Agency LCMC\***

Mr. Conrad Whyne	VACANT
	
<b>Civilian 1,483   Military 16</b>	

**Army Contracting Command**

Mr. Parsons	
	
<b>N/A</b>	

**Communications-Electronics LCMC**

MG Dennis Via	Mr. Ed Thomas
	
<b>Civilian 7,192   Military 85</b>	

**Research, Development & Engineering Command**

MG Fred D. Robinson Jr.	Mr. David J. Shaffer
	
<b>Civilian 11,815   Military 244</b>	

**US Army Security Assistance Command**

BG Michael J. Terry	Mr. Rick Alpaugh
	
<b>Civilian 560   Military 49</b>	

**Assembled Chemical Weapons Alternatives Program**

Mr. Kevin Flamm	Mr. William Pehlivanian
	
<b>Civilian 1,000   Military 100</b>	

*“Providing Support to the Joint Warfighter”*

# Avenues of Change

Transforming Army Materiel Command from an organization that is “Production-based, commodity-focused, and platform-centric” to one that is

***“Service-based, capabilities-focused, and unit-centric” for Persistent Conflict***

## ORGANIZATIONAL CHANGE

## CULTURE OF INNOVATION

## COMPLEX SERVICES

## KNOWLEDGE MANAGEMENT

- Life-Cycle Management Commands
- Army Field Support Brigades and Brigade Logistic Support Teams
- 2 Star Contracting Command
- Surface Deployment and Distribution
- Base Realignment and Closure (BRAC)
- Army Watercraft
- Central Issue Facilities
- Installation Maintenance and Ammunition
- Security Assistance

- Safety
- Lean Six Sigma
- Reset Parts Management
- Outreach to Industry
- Partnerships
- Performance Based Logistics
- Rapid Review Teams
- Research & Development/Technology to the Warfighter
- Informing the Requirements Process
- Army Greatest Inventions
- Human Capital Strategy

- Support to ARFORGEN
- MRAP Fielding/Sustainment
- Soldier as a System
- Ammunition Enterprise
- Forward Repair Activities
- Unit-focused RESET
- Small Arms Repair
- Left-Behind & Theater Provided Equipment
- TRADOC Fleet Management
- LOGCAP IV Transition
- Industrial Capabilities Modernization
- Low Density Training Equipment
- Chemical Storage & Demil

- Condition Based Maintenance
- Central Technical Support Facility (CTSF)
- Global Help Desk
- Depot IT Modernization
- AMC Enterprise Portal
- Sample Data Collection
- Factory-to-Foxhole Visibility
- Operations Center
- Single Army Logistics Enterprise
- Lessons Learned
- Quantitative Metrics and Analysis

End  State

End  State

End  State

End  State

“Cradle-to-Grave Capabilities Support”

“Efficient Production Processes”

“Customer Focused Solutions”

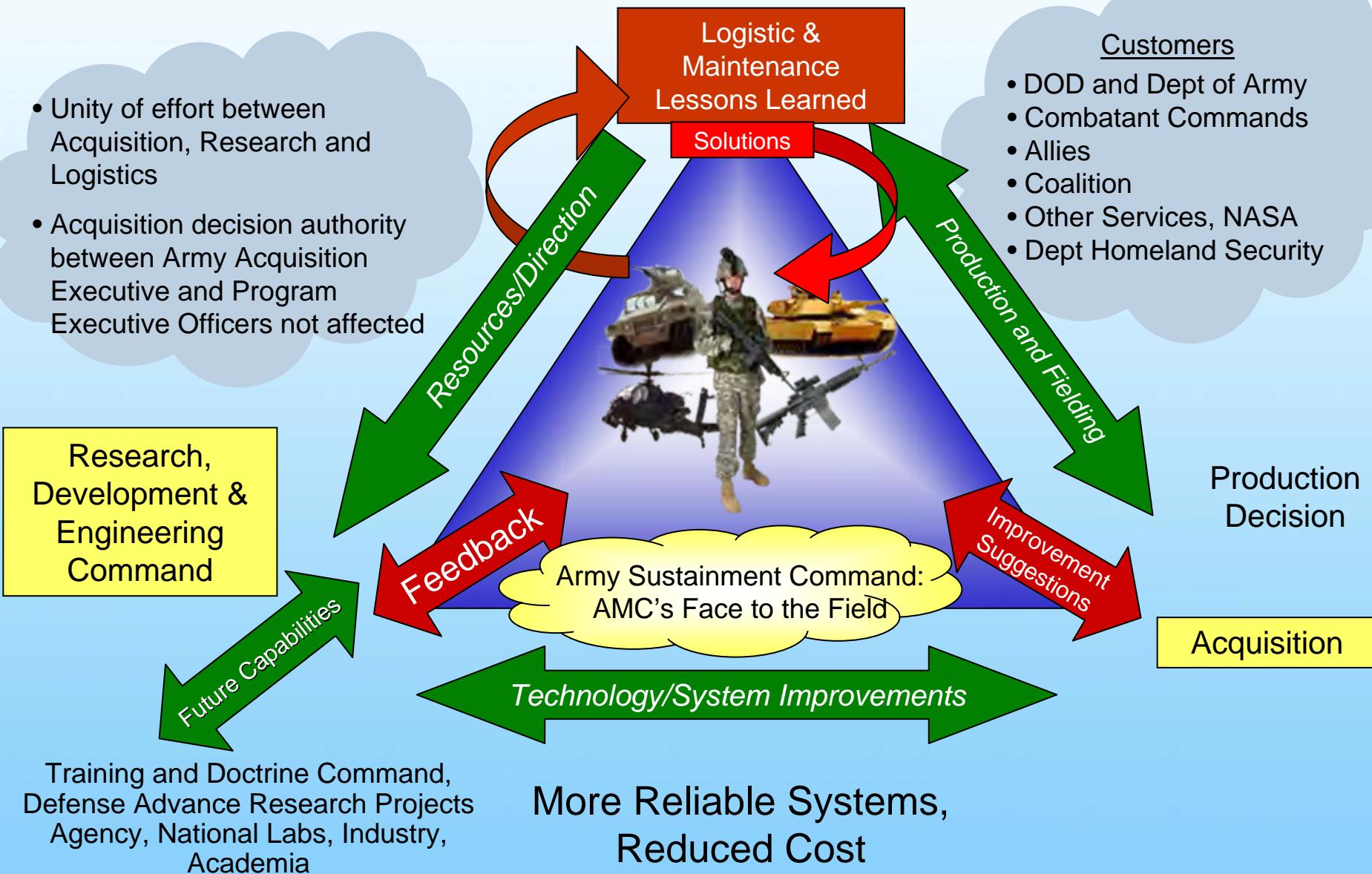
“Data Driven Decisions”



## Life Cycle Management Commands... Soldier Focused

## Depots, Arsenals, Ammunition Plants TACOM, AMCOM, CECOM, CMA, JM&L

- Unity of effort between Acquisition, Research and Logistics
  - Acquisition decision authority between Army Acquisition Executive and Program Executive Officers not affected

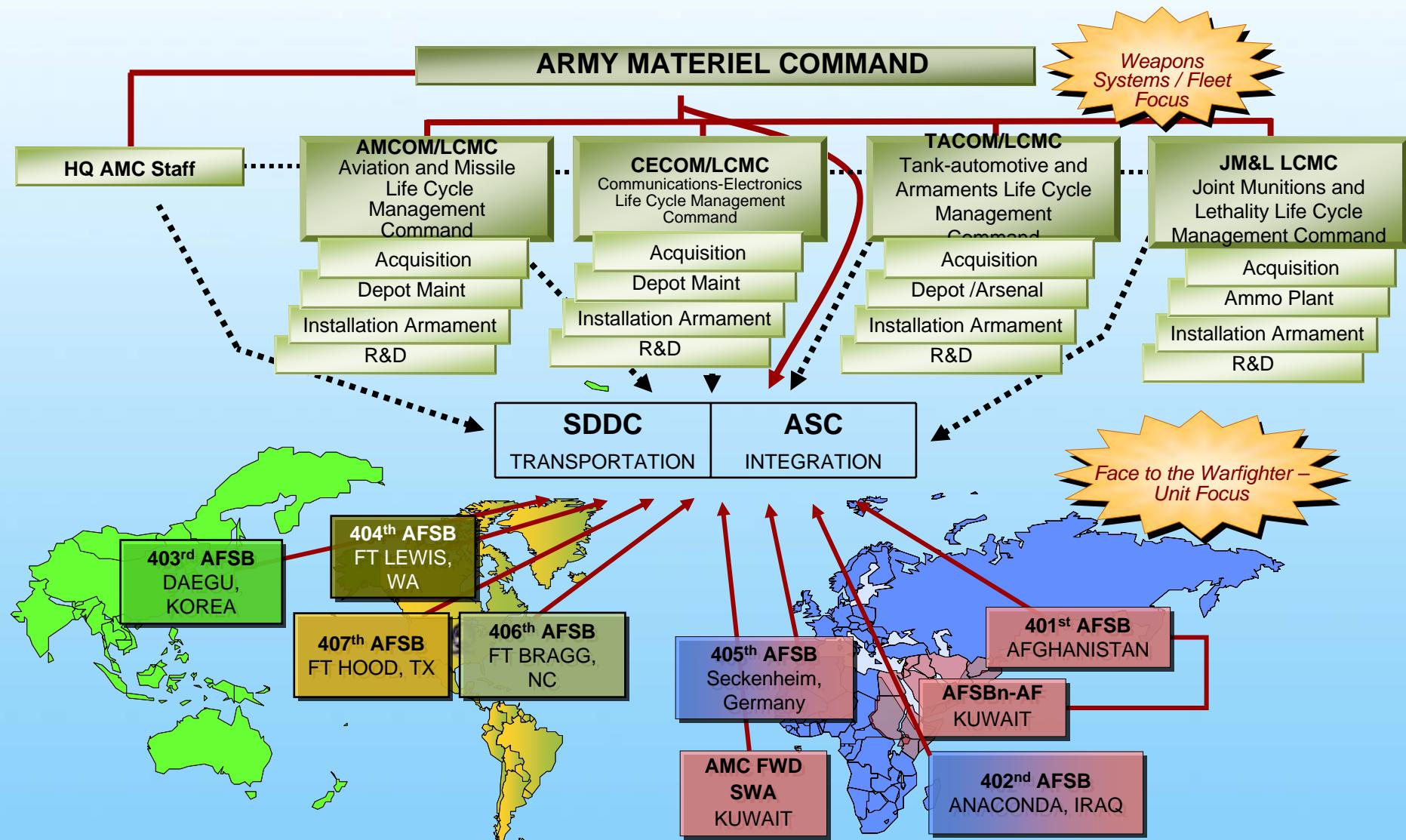




# Life-Cycle Management Commands & Army Sustainment Command

UNCLASSIFIED  
As of 18 May 2007

Integrating the Unit & Weapon System View to Deliver Warfighting Capability



## Setting the Force

# What We've Done . . . What We're Doing

**ARMY PLAN**

The Army will undertake a disciplined, orderly reconstitution to restore combat power.

2,754 Tracks  
28502 Wheels

1,700+ Tracks  
FY07

15,000+ Wheels  
FY07

15,058 Generators  
18,673 Commo/Electric  
73,888 COMSEC

7,400+  
Generators FY07

FY07





# Army Vehicles

## Current Fleet

(Approximate Values)

### Ground Vehicles

HMMWV (Armored, Non-Armored)	135,699
FMTV Trucks (2.5 and 5 Ton series)	83,650
Heavy Expanded Mobility Tactical Truck	13,383
Palletized Load System	4,456
Heavy Equipment Transporter	2,012
Line Haul Tractor	7,859
TOTAL	247,059 Prime Movers

### Aircraft

Apaches	751
Blackhawks	1,684
Chinooks	420
Kiowa	350
UAS	2315
TOTAL	5,520 Aircraft

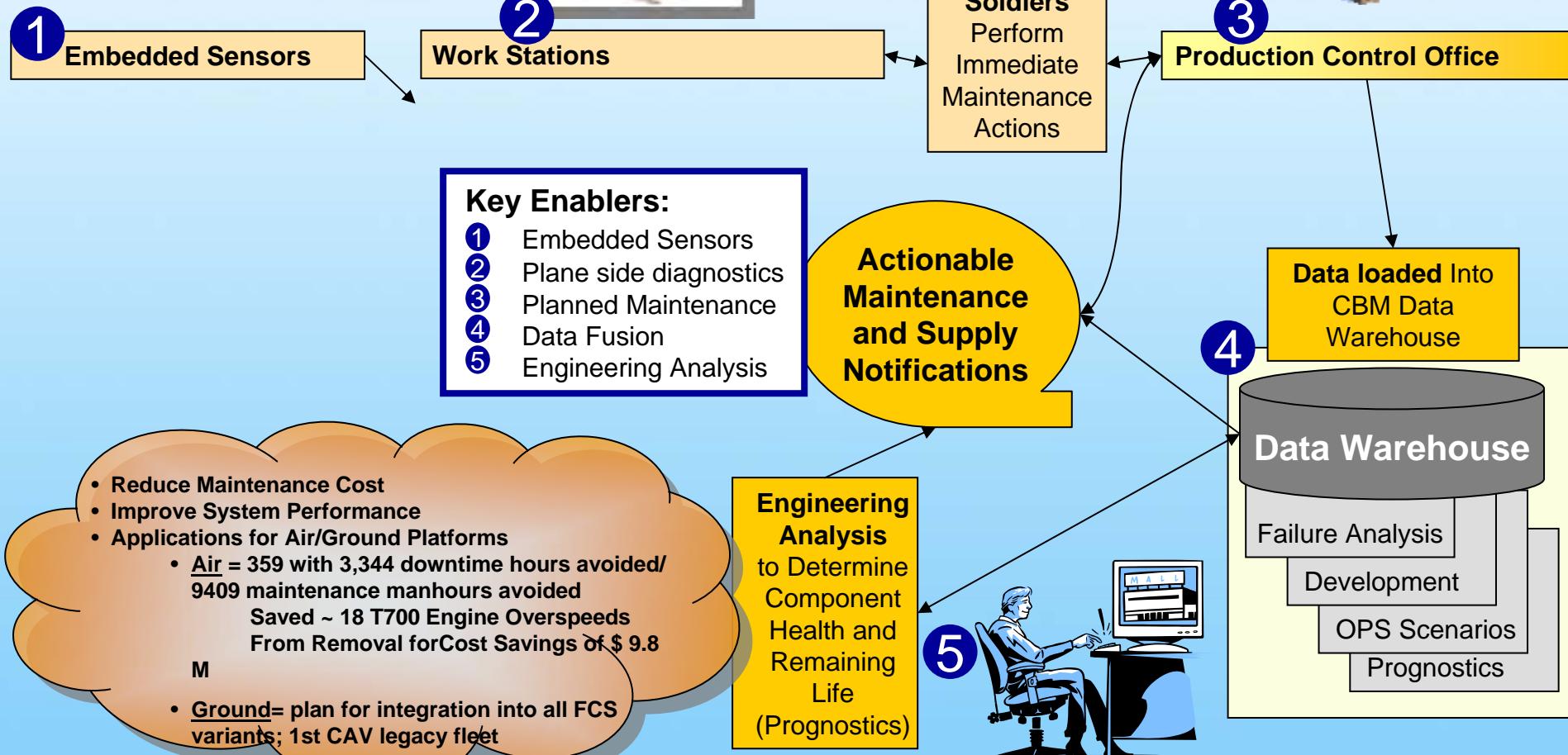
# MRAP Highlights



- Partnership is essential to Success
  - Maintain several variants simultaneously
  - Supply Chain Management
- Streamlined delivery of Capabilities is key
  - Continue use of “off the shelf technology”
  - No more long acquisition cycles  
(128 days for the MRAP)
  - Need to make this the standard
- What we need to Continue
  - Responsiveness to the Warfighter
  - Predictive technology applications
  - Sustainment across multiple generations of equipment

Original Candidate Systems

# HOW DOES CBM WORK ?





# PARTNERING SUCCESS: Tactical Wheeled Vehicles

## Ongoing

- Red River Army Depot
  - BAE: 9 partnerships valuing \$5.7M
  - Textron from Marine & Land Systems: 2 partnerships valued at \$290K
- Letterkenny Army Depot
  - BAE
    - RG33 Series Mine Protected Vehicles Valuing \$1.1M
    - New Medium Mine Protected Vehicle value to be realized

## Evolving

- Oshkosh Truck Company
  - Family of Heavy Tactical Vehicles



The HEMTT provides transport capabilities for re-supply of combat vehicles and weapons systems.

- BAE
  - Family of Medium Tactical Vehicles



BAE Systems RG 33 (4x4) •CAT I

- TMLS
  - Armor Security Vehicle



M1117 Armored Security Vehicle

# 2007 Shingo Prize Results



## GOLD



**Rock Island Arsenal –  
Joint Manufacturing &  
Technology Center  
Forward Repair System (FRS)**



**Tobyhanna Army Depot  
AN/TPQ-36 Firefinder Antenna**



**Red River Army Depot  
HMMWV Recap**

## SILVER



**Letterkenny Army Depot  
HMMWV Recap**



**Rock Island Arsenal –  
Joint Manufacturing & Technology  
Center Shop Equipment Contact  
Maintenance (SECM)**



**Anniston Army Depot  
FAASV**



**Red River Army Depot  
Bradley Power-train**



**Red River Army Depot  
HEMTT**



### ISO Certifications

- ISO 9001:2000 Quality Management System
- ISO 14001:2000 Environmental Management System
- AS 9100B Aviation Maintenance System



**Aviation Center Logistics Command  
AMCOM – Fort Rucker  
TH-67 Creek C20J Engines**



**Letterkenny Army Depot  
Power Generators**



**Corpus Christi Army Depot  
H-60 Pavehawk**



**Anniston Army Depot  
M1 Abrams Turbine Engines**

## BRONZE



# Thoughts I want to Leave You With

- AMC's mission is to provide direct support to the Warfighter
  - Synergy gained through LCMCs
  - ***Face to the Field*** with ASC and AFSBs
  - Real-time/coordinated transportation through SDDC
  - Continuous supply and re-supply through Depots and Arsenals utilizing refined/Lean methodologies
- Partnering with Private Sector is a ***Win-Win***
  - Teaming: Inside / Outside Depots
  - Reliant on our relationship with industry
- Future presents us with both challenges and opportunities
  - Resources
  - Technology
  - Efficiency

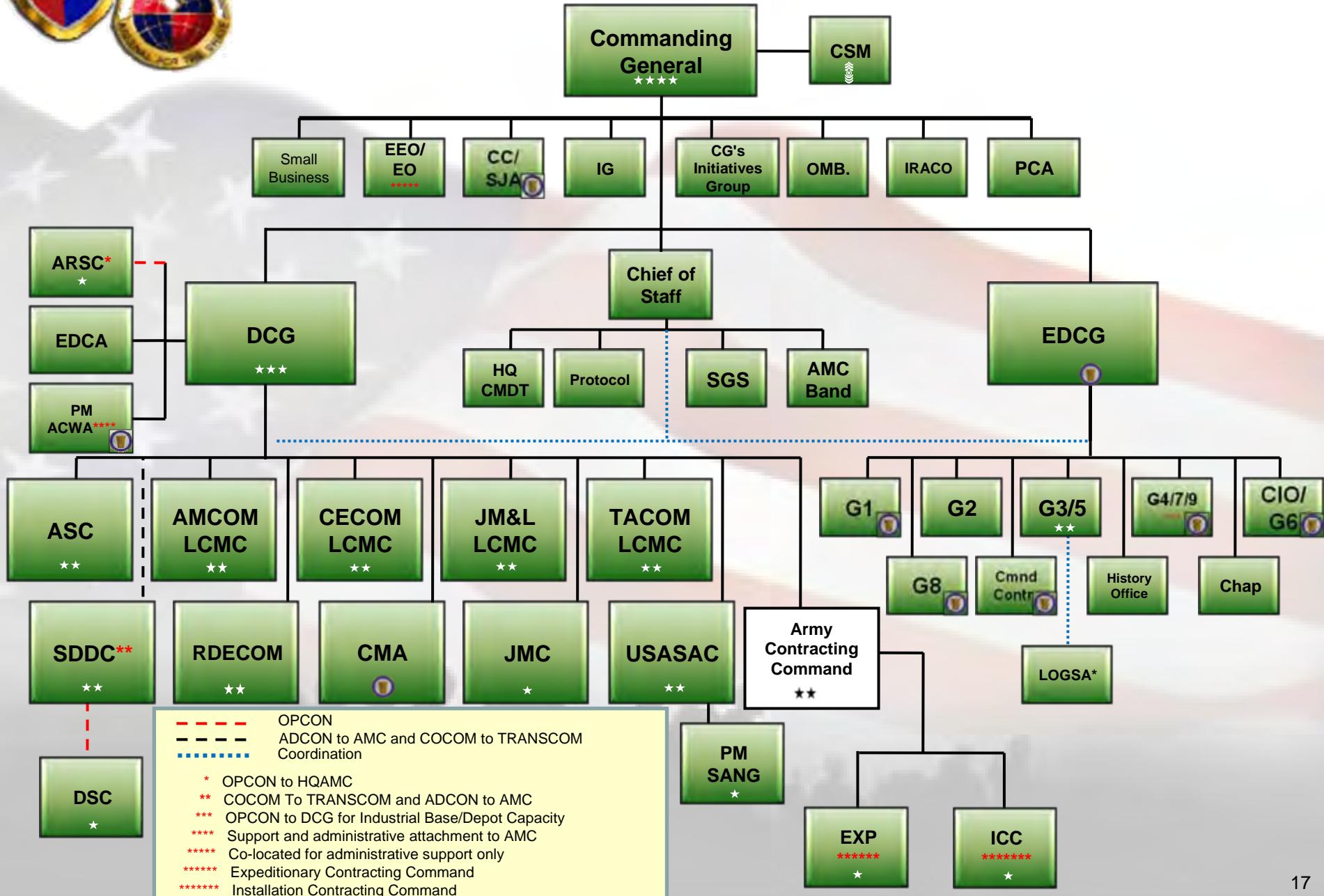




FOCUSED ON THE  
**WARFIGHTER**

# BACK UP SLIDES

# Army Materiel Command



# Army Field Support Brigades (AFSB) and Contracting Support Brigades (CSB) Commanders



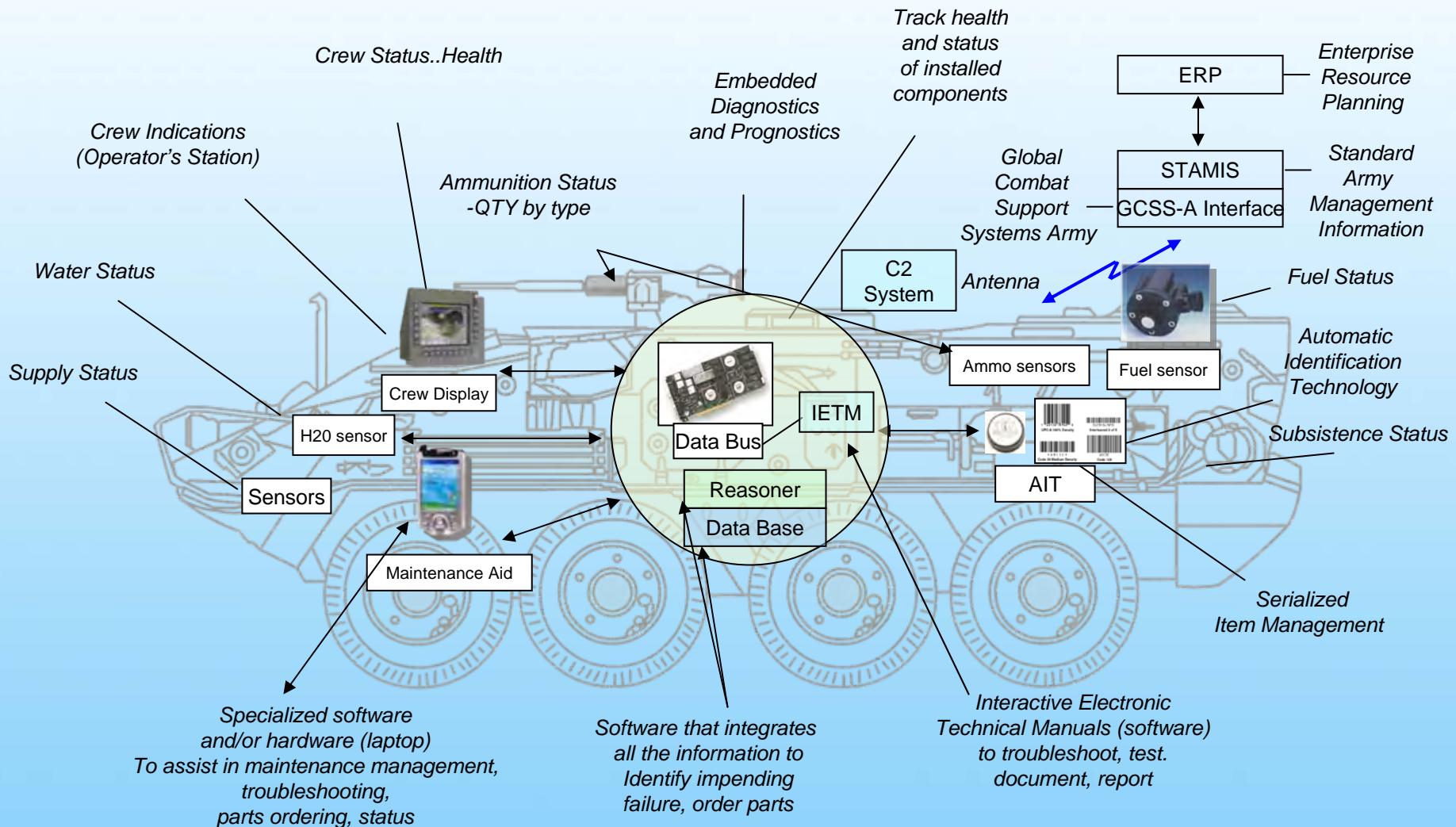


# Condition Based Maintenance (CBM) for Ground Vehicles

- CBM is a proactive equipment maintenance capability that utilizes system health indications to predict functional failure beforehand and take action.
- Implementation will:
  - Provide prognostics and diagnostics
  - Improve fleet management
  - Provide users, maintainers, and commanders with near real time data of vehicle operation and usage severity
- Initially will field limited number of CBM boxes on tactical wheeled vehicles
- CBM will link data with actual maintenance actions (i.e., part replacements)
- Need to leverage industry efforts:
  - Industry telematics initiatives (onStar, ePulse, Aware)

# Condition Based Maintenance (CBM) for Ground Vehicles

## KNOWLEDGE MANAGEMENT





# 2007 Shingo Prize Results Highlights

## GOLD

**Rock Island Arsenal –**  
Joint Manufacturing &  
Technology Center

Forward Repair  
System (FRS)

**Tobyhanna Army Depot**  
AN/TPQ-36 Firefinder  
Antenna

**Red River Army Depot**  
HMMWV Recap

## SILVER

**Letterkenny Army Depot**  
HMMWV Recap

**Red River Army Depot**  
Bradley Power-train

**Red River Army Depot**  
HEMTT

**Anniston Army Depot**  
FAASV

**Rock Island Arsenal –**  
Joint Manufacturing & Technology Center  
Shop Equipment Contact Maintenance  
(SECM)



International  
Organization for  
Standardization

### ISO Certifications

- ISO 9001:2000 Quality Management System
- ISO 14001:2000 Environmental Management System
- AS 9100B Aviation Maintenance System

## BRONZE

**Aviation Center Logistics Command**  
AMCOM – Fort Rucker  
TH-67 Creek C20J Engines

**Letterkenny Army Depot**  
Power Generators

**Corpus Christi Army Depot**  
H-60 Pavehawk

**Anniston Army Depot**  
M1 Abrams Turbine Engines



# Shingo Award Notes

- Owner: G-4/7/9 Validated by: XO: Hilton Mills, 703-806-9225  
SME: Steve Miller, 703-806-9247

**2007 - 12 Shingo Prizes awarded to AMC (in 2007, only 4 others awarded outside the Army in DoD)**

- Rock Island Arsenal – Jt. Manufacturing & Technology Center
  - **Forward Repair System (FRS)**
- ✓ Reduced Flow Time from 265 to 62 days
- ✓ Reduced Work In Process from 32 to 13 units
- ✓ Cost savings/avoidance of \$4.8M

Tobyhanna Army Depot

**-AN/TPQ-36 Firefinder Antenna**

- ✓ Reduced Repair Cycle Time from 514 days to 429 days
- ✓ Reduced Work In Process from 16 per month to 11 per month
- ✓ Increased production from 1 to 15 systems

Red River Army Depot

**-HMMWV Recap**

- ✓ Increased production from 3 vehicles per month in 2004 to 32 vehicles per day since February 2006
- ✓ Produced 65 additional vehicles at no additional cost in FY06
- ✓ Cost avoidance of \$3.89M

Letterkenny Army Depot

**-HMMWV Recap**

- ✓ Increased throughput to 17 vehicles per day
- ✓ Reduced direct labor hours from 274 to 150
- ✓ Produced 27 additional vehicles at no additional cost a \$5.2M customer benefit

• Red River Army Depot

**-Bradley Power-train**

- ✓ Reduced man-hours from 56.5 to 32.5 per unit
- ✓ Increased output from 2 units to 6 units per day
- ✓ Reduced lead time from 7 days to 3 days per unit

• Rock Island Arsenal – Jt. Manufacturing & Technology Center

**-Shop Equipment Contact Maintenance (SECM)**

- ✓ Reduced flow time from 82 to 41 days
- ✓ Reduced work in process from 40 to 15 units
- ✓ Cost Savings/Avoidance of \$4.9M

- Red River Army Depot
  - **Heavy Expanded Mobility Tactical Truck (HEMTT)**
- ✓ Productivity improved from 1530 hrs/vehicle to 1011 hrs/vehicle
- ✓ Increased output from 2 vehicles/wk to 2 vehicles per day
- ✓ Decreased lead time from 120 days to 30 days

Anniston Army Depot

**-Field Artillery Ammunition Support Vehicle (FAASV)**

- ✓ Increased total units produced from 52 to 88
- ✓ Decreased overtime hours per unit from 99.4 hrs to 59.52 hrs
- ✓ Decreased direct labor hours per unit from 341 hrs to 294 hrs

Aviation Center Logistics Command AMCOM – Ft. Rucker

**-TH-67 Creek C20J Engines**

- ✓ Reduced cycle lead time from 294 to 213 hrs.
- ✓ Reduced shop backlog from 30 engines to 0
- ✓ Reduced engine faults from 105 to 72

Letterkenny Army Depot

**-Power Generators**

- ✓ Increased output from 118/mo to 500/mo
- ✓ Labor Savings since April 2006 is 83,349 man hours and \$2.9M

Corpus Christi Army Depot

**-H-60 Pavehawk**

- ✓ Reduced Turn Around Time from 180 to 109 days
- ✓ Reduced average direct labor hrs by 3,324/aircraft
- ✓ Reduced the per unit loss from \$490K to \$133K

Anniston Army Depot

**-M1 Abrams Turbine Engines**

- ✓ Reduced assembly time from 364 to 232 min.
- ✓ Consistent 100% on-time delivery
- ✓ Cost savings of \$18.4M

**• INTERNATIONAL ORGANIZATION FOR STANDARDIZATION**

**• ISO-CERTIFIED AMC INDUSTRIAL FACILITIES As of 20 Sep 07**

**ISO 9001: Quality Management Systems – Requirements**

- Corpus Christi Army Depot
- Lone Star Army Ammunition Plant
- Letterkenny Army Depot
- McAlester Army Ammunition Plant
- Sierra Army Depot
  - Milan Army Ammunition Plant
- Tobyhanna Army Depot
  - Radford Army Ammunition Plant
  - Toole Army Depot
  - Riverbank Army Ammunition Plant
  - Red River Army Depot
  - Scranton Army Ammunition Plant
  - Anniston Army Depot
  - Rock Island Arsenal – Joint Manufacturing
  - Crane Army Ammunition Activity & Technology Center
  - Hawthorne Army Ammunition Plant
  - Watervliet Arsenal
  - Holston Army Ammunition Plant
  - Pine Bluff Arsenal
  - Iowa Army Ammunition Plant
  - Kansas Army Ammunition Plant
  - Letterkenny Munitions Center
  - Lake City Army Ammunition Plant

**AS 9100: International Aerospace Quality Systems Standards**

- Corpus Christi Army Depot

**ISO 14001: Environmental Management Systems – Requirements with Guidance for Use**

- Letterkenny Army Depot
- Tobyhanna Army Depot
- Iowa Army Ammunition Plant
- Milan Army Ammunition Plant
- Riverbank Army Ammunition Plant
- Scranton Army Ammunition Plant
- Radford Army Ammunition Plant